TILE #1 INLET STRUCTURE NOTES

- THE RIM ELEV. OF INLET STRUCTURE SHALL BE VERIFIED BY ENGINEER PRIOR TO PLACEMENT OF RIPRAP & GROUT.
- GRADE AREA TO DRAIN TO INTAKE.
- EXCEPT AS NOTED, ALL WORK DOWNSTREAM OF POINT A WILL BE PAID UNDER INTAKE STRUCTURE BID ITEM.
- ALL PIPE INSTALLED UPSTREAM OF POINT A WILL BE PAID FOR BY DD 178.
- INCLUDES CONNECTION TO 12" DUAL WALL HDPE ON DD #8 BR. NO. 4 LATERAL 4-1, BUT NOT THE12" DUAL WALL HDPE MATERIAL.
- INLET STRUCTURE BID ITEM INCLUDES 48" TEE & FABRICATION, 48" END CAP, 48" APRON BEDDING ROCK, TRASH RACK, FOOTINGS AND ANTI VORTEX WALL AS PART OF THE ITEM.
- EROSION STONE, CONCRETE GROUT & GEOTEXTILE FABRIC ARE PAID UNDER SEPARATE
- 48" RCP IS PAID UNDER A SEPARATE BID ITEM.
- BEDDING ROCK IS ONLY TO BE INSTALLED AT THE 48" ON 48" RCP TEE, ALL OTHER PIPE BEDDING IS TO BE EARTH MATERIAL

WORK AND MATERIALS AT TILE #1 INLET STRUCTURE:

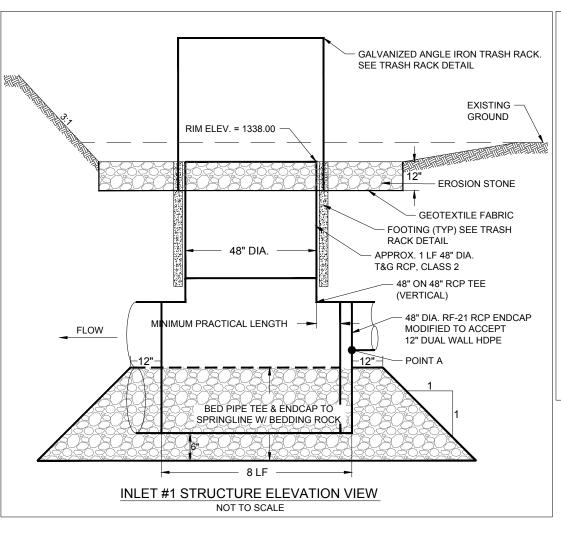
INLET STRUCTURE ITEM

- TOPSOILING
- EXCAVATION, BACKFILL, MECHANICAL COMPACTION AND GRADING
- 1 48" ON 48" RCP TEE SECTION INCLUDING FABRICATION
- 1 48" RCP MODIFIED PRE-CAST RF-21 CONCRETE PIPE END CAP
- 1 GALVANIZED ANGLE IRON TRASH RACK WITH CONCRETE FOOTINGS, AND ANTI-VORTEX WALL

SEPARATE ITEMS

- IDOT EROSION STONE, 13 TON
- GEOTEXTILE FABRIC, 25 SY
- 48" 1500D RCP, 70 LF
- 12" DUAL WALL HDPE

ALL STEEL SHALL BE PLACE TRASH **RACK SO THAT** 3X3X3/8" L-SHAPES **INLET RISER IS** 114 TOTAL FEET CENTERED FY=36KSI 16 BOLTS, 1/2" x 1-1/2" MACHINE BOLTS W/ **NUTS & LOCKWASHERS** SET LEGS 42" DEEP IN 12" DIAMETER HOLES FILLED WITH P.C. CONCRETE 2'-6" x 10', 8 GUAGE 1'-6" ANTI-VORTEX WALL **GROUTED IDOT** CLASS F 2'-6" RIPRAP 8.5' 12" TYP. GEOTEXTILE 42" - P.C. CONCRETE **FOOTING** 12" MIN. DIA. 15' TRASH RACK DETAIL NOT TO SCALE



TILE #2 INLET STRUCTURE NOTES

- THE RIM ELEV. OF INLET STRUCTURE SHALL BE VERIFIED BY ENGINEER PRIOR TO PLACEMENT OF RIPRAP
- GRADE AREA TO DRAIN TO INTAKE.
- EXCEPT AS NOTED, ALL WORK DOWNSTREAM OF POINT B WILL BE PAID UNDER INTAKE STRUCTURE BID ITEM. WORK UPSTREAM OF POINT BE WILL BE COMPLETE BY DRAINAGE DISTRICT NO. 8
- INCLUDES CONNECTION TO 12" RCP ON DD 8 LAT 4-2, BUT NOT THE12" RCP MATERIAL, WHICH IS TO BE INSTALLED BY DD#8.
- INLET STRUCTURE BID ITEM INCLUDES 24" TEE & FABRICATION, 24" END CAP, AND CONE GRATE AS PART OF THE ITEM.
- 24" RCP, EROSION STONE, & GEOTEXTILE FABRIC ARE PAID UNDER SEPARATE BID ITEMS.
- BEDDING ROCK IS ONLY TO BE INSTALLED AT THE 24" ON 24" RCP TEE, ALL OTHER PIPE BEDDING IS TO BE EARTH MATERIAL

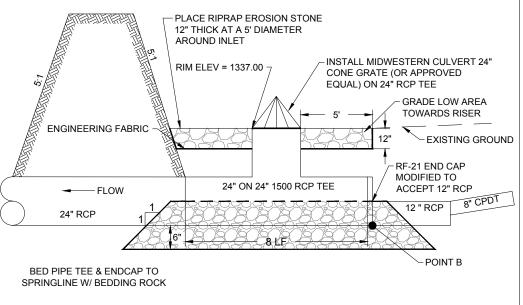
WORK AND MATERIALS AT TILE #2 INLET STRUCTURE:

INLET STRUCTURE ITEM

- TOPSOILING EXCAVATION, BACKFILL, MECHANICAL COMPACTION AND
- 1 24" ON 24" RCP TEE SECTION INCLUDING FABRICATION
- 1 24" RCP MODIFIED PRE-CAST RF-21 CONCRETE PIPE END CAP
- 1 MIDWESTERN CULVERT 24" CONE GRATE

SEPARATE ITEMS

- IDOT EROSION STONE, 8.5 TON
- GEOTEXTILE FABRIC, 16 SY
- 24" 1500D RCP, 40 LF



DAYLIGHT #2 - INLET DETAIL NOT TO SCALE

wa: Algona • Minnesota: Web: v

GROUP

DETAILS 1943506C) MOI $\Box \succ$ STRUCTUR REP SITE (Y COUNT

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